

### Ford PX Ranger Mk 1/Mazda BT-50 EGR + EGR Cooler Delete Instructions

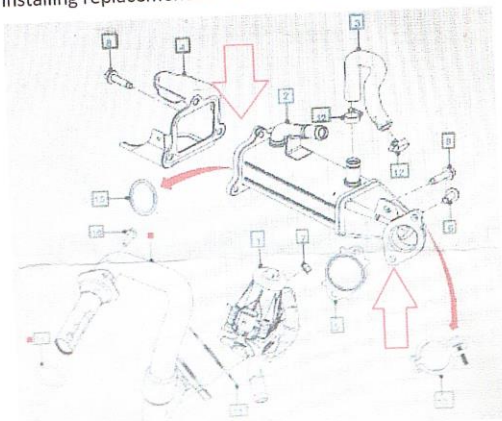
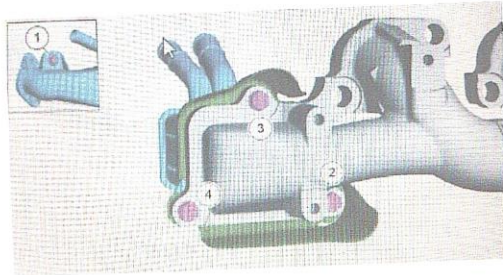
**NOTE:** Any engine warning lights/fault codes should be diagnosed and repaired before installation of this kit.

**NOTE:** If your vehicle has ambient air temp (AAT) display in the instrument cluster this kit may cause the AAT reading to re-calibrate every ignition cycle (approx. 10mins driving for the reading to return to normal).

**NOTE:** Due to the significant difficulty in removing and installing the EGR cooler on this vehicle, it is recommended to have this kit installed by someone with sound mechanical knowledge/experience.

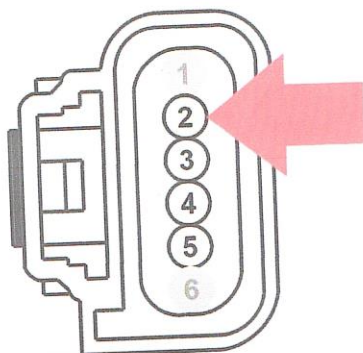
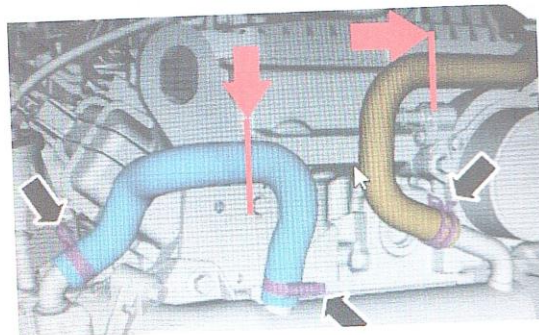
**Step 1:** Remove engine cover and heat shielding to access EGR cooler. Drain coolant into suitable container for reuse.

**Step 2:** Remove EGR cooler by removing 3 bolts from exhaust manifold, 2 bolts from EGR valve inlet and 1 bolt from EGR cooler to rear of cylinder head. It is recommended to disconnect coolant pipes from heater and EGR valve (leave connected to EGR cooler) and remove EGR cooler via passenger side wheel well. This will make measuring and installing replacement coolant hose easier.



**Step 3:** Using the 3 supplied longer bolts, install the larger blanking plate to exhaust manifold. Using the 2 supplied shorter bolts, install smaller blanking plate to EGR valve inlet. Ensure both gaskets are re-installed correctly. Re-install the previously removed single bolt from rear of cylinder head which also secures engine lifting bracket.

**Step 4:** Utilizing the supplied coolant hose/hose barbs/hose clamps, join the two coolant hoses that are connected to EGR cooler. This will require cutting the hoses in positions indicated. Pre-measure and check before cutting to ensure hose will have sufficient length and not contact any other components.



**Step 6:** Disconnect vehicle battery. Disconnect MAF sensor (sensor on air filter box), remove a few inches of plastic wiring protection and cut circuit 2 wire. Solder the supplied resistor in line with circuit 2 (resistor orientation does not matter). Insulate the new connections and refit wiring. Note, on most models circuit 2 is the BLUE wire. The circuit locations are numbered on the back of the connector. (Picture is a front view of the connector).

**Step 7:** Refit removed components and refill cooling system ensuring any air is bled from system.